

Japhet Kwasi Osiakwan

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RESEARCH

Interests Assessment · Teacher Education · Classroom Discourse · Technology Integration · Mixed Methods

Areas Education · Statistics and Probability · Developmental and Educational Psychology · Experimental and Cognitive Psychology · Gender Studies · Information Systems

RESEARCH SUMMARY

9	18	3	0	7.66	43%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 9 publications listed below, 2014–2026. Field-weighted impact is the mean over the 7 works scored for it; 1.00 is the world average for works of the same field, type and year. 3 of the 7 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 8

1. Isaac Benning, George Adom, Douglas Darko Agyei, Japhet Kwasi Osiakwan, Helena Naa Korkor Tetteh, Forster D. Ntow (2026). A multivariate and structural modelling analysis of teacher readiness and adoption of the TM1 laptop computer for classroom use. *Discover Education*. <https://doi.org/10.1007/s44217-026-01698-1>
2. Japhet Kwasi Osiakwan, Forster D. Ntow, Ernest Kofi Davis (2026). Influence of preservice teacher education on mathematics teaching efficiency of beginning teachers. *Teaching and Teacher Education*. <https://doi.org/10.1016/j.tate.2026.105644>
3. Japhet Kwasi Osiakwan, John Kodwo Appiah, Mavis Okyere, Isaac Benning (2026). Preservice Mathematics Teachers' Understanding of Quadrilateral Properties and Hierarchical Relationships. *Journal of Education and Learning*. <https://doi.org/10.5539/jel.v15n6p151>
4. Daniel Gbormittah, Christopher Yarkwah, Japhet Kwasi Osiakwan, George Adom (2025). Culturally responsive pedagogy model integration in mathematics education: Perceptions and practices among Ghanaian teachers. *Social Sciences & Humanities Open*. <https://doi.org/10.1016/j.ssaho.2025.102036>
5. Osiakwan Japhet Kwesi, Mavis Okyere, Might Kojo Abreh (2025). Generalist and Specialist Teachers for Mathematics Teaching: How Well Do They Meet the Needs of the Workforce. *African Journal of Educational Studies in Mathematics and Sciences*. <https://doi.org/10.4314/ajesms.v21i1.2>
6. Might Kojo Abreh, Mavis Okyere, Japhet Osiakwan, George Adom (2025). Navigating the Use and Misuse of Likert Scales in Counseling and Development Research. *Measurement and Evaluation in Counseling and Development*. <https://doi.org/10.1080/07481756.2025.2499964>
7. Daniel Gbormittah, Daniel Paa Korsah, Japhet Kwasi Osiakwan, George Adom (2024). Perceived attitude of preservice teachers towards the integration of technology in teaching and learning college geometry: cases of two selected colleges of education in Ghana. *Discover Education*. <https://doi.org/10.1007/s44217-024-00149-z>
8. JAPHET KWASI OSIAKWAN (2014). Relationship between Teachers' Knowledge for Teaching and Students' Achievement in Algebra in some Selected Senior High Schools in Ghana. *Elixir International*

Theses 1

1. Japhet Kwasi Osiakwan (2022). Influence Of The Diploma In Basic Education Programme Run By Colleges Of Education On Beginning Teachers' Teaching Efficiency In Mathematics. *University of Cape Coast*. <https://ir.ucc.edu.gh/items/62ef92bf-ca75-4799-b291-98e21d64dccd>